

Comparisons of Job Characteristics

Focus Occupation: Fire Inspectors and Investigators (33-2021)

Associated Occupation: Firefighters (33-2011)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 79

Focus Occupation: Fire Inspectors and Investigators (33-2021)

Associated Occupation: Firefighters (33-2011)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Public Safety and Security	6.9	15.5	19.2	>> Current knowledge level is likely more than sufficient
Mechanical	6.8	13.6	10.7	<< Extensive education and/or training may be required
Geography	3.9	11.6	6.2	<< Extensive education and/or training may be required
Building and Construction	4.0	11.3	13.8	> Current knowledge level is likely sufficient
Transportation	4.6	9.6	6.8	<< Extensive education and/or training may be required
Telecommunications	3.9	8.8	7.0	< Expanded education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 69

Focus Occupation: Fire Inspectors and Investigators (33-2021)

Associated Occupation: Firefighters (33-2011)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Coordination	9.1	12.0	9.6	< A higher skill level may be required
Service Orientation	7.9	10.9	8.2	<< Extensive development of skills in this area may be required
Operation Monitoring	6.6	10.7	7.7	<< Extensive development of skills in this area may be required
Operation and Control	5.4	10.3	5.8	<< Extensive development of skills in this area may be required

Equipment Maintenance	3.5	8.2	1.2	<<	Extensive development of skills in this area may be required
Troubleshooting	4.5	8.0	6.4	<	A higher skill level may be required
Repairing	3.4	7.3	1.4	<<	Extensive development of skills in this area may be required
Equipment Selection	3.3	6.7	1.5	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 58			
Focus Occupation: Fire Inspectors and Investigators (33-2021) Associated Occupation: Firefighters (33-2011)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Reaction Time	4.8	13.0	6.1	<<	Extensive improvement in abilities may be required
Static Strength	5.0	12.7	6.0	<<	Extensive improvement in abilities may be required
Dynamic Strength	3.5	11.8	3.6	<<	Extensive improvement in abilities may be required
Stamina	4.0	11.6	4.4	<<	Extensive improvement in abilities may be required
Speed of Limb Movement	3.2	10.0	4.4	<<	Extensive improvement in abilities may be required
Gross Body Equilibrium	3.2	9.7	5.5	<<	Extensive improvement in abilities may be required
Spatial Orientation	2.7	9.5	5.4	<<	Extensive improvement in abilities may be required
Peripheral Vision	2.2	8.2	3.3	<<	Extensive improvement in abilities may be required
Night Vision	2.1	7.2	3.6	<<	Extensive improvement in abilities may be required
Sound Localization	2.2	6.4	3.9	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 85
Focus Occupation: Fire Inspectors and Investigators (33-2021) Associated Occupation: Firefighters (33-2011)		
Work Activities	Exclusivity of Activity	
Communicate technical information	4	
Conduct fire hazard inspections	92	

Estimate size or characteristics of fire	92
Inspect buildings to detect violations of fire codes	95
Read maps	42
Use emergency medical procedures	64
Use first aid procedures	70
Use knowledge of fire, building or other codes	92
Use oral or written communication techniques	1

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: n/a

Focus Occupation: Fire Inspectors and Investigators (33-2021)
Associated Occupation: Firefighters (33-2011)

Tools and Technologies

Exclusivity

Tools and technology data is unavailable for one or both occupations.

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.